

Claims 9-10, 12-14, 21-22 and 24 have been rejected under 35 U.S.C. § 102(b) as allegedly being anticipated by Mori et al., U.S. Patent No. 5,281,489 ("Mori").

Applicants respectfully submit that the present invention is not anticipated by or obvious over the disclosures of Mori and request that the Examiner reconsider and withdraw this rejection in view of the following remarks.

The present claims recite a compound of formula (2), substituted with a carbazole ring at the 3- or 6- position. Applicants respectfully submit that Mori does not disclose the selection of the 3- or 6- position-substituted species.

In paragraph 9, line 8, of the Office Action, the Examiner asserts that Mori discloses that formula 6 is bonded to A², at the 3- or 6- position of the carbazole ring. However, Applicants respectfully submit that Mori does not disclose that formula 6 and A² can be bonded at the 3- or 6- position of the carbazole ring to make Applicants' claimed formula (2). The 3- and 6- positions of the carbazole ring are shown in Applicants' specification, formula (2), page 3, line 19.

Applicants submit that in Mori, in formula 6, Y¹ represents a hydrogen atom, a bromine atom, or a chlorine atom (only monovalent groups). Applicants submit that it is impossible to make a chemical bond with formula 1 at the 3- or 6- position because the Y¹ position is already substituted by the above-mentioned monovalent substituents. Further, Applicants submit that Mori does not teach the replacement at the 3-or 6- position Y¹s with bivalent substituents. Therefore, Applicants respectfully submit that Applicants' claimed invention is not anticipated by Mori.

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For the above reasons, it is respectfully submitted that the subject matter of claims 9-10, 12-14, 21-22 and 24 is neither taught by nor made obvious from the disclosures of Mori and it is requested that the rejection under 35 U.S.C. §102(b) be reconsidered and withdrawn.

Claims 9 and 15-16 have been rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over Mori et al., U.S. Patent No. 5,281,489 ("Mori") in view of Baldo et al., Journal of Applied Physics Letters, Vol. 75, No. 1 ("Baldo").

Applicants respectfully submit that the present invention is not obvious over the disclosures of Mori in view of Baldo and request that the Examiner reconsider and withdraw this rejection in view of the following remarks.

Applicants respectfully submit that Mori does not render the present claims obvious because there is no teaching, suggestion, or motivation in the reference to make the claimed specific compound within the scope of Applicants' claim 1. See the discussion above concerning the rejection based on Mori alone. Moreover, it is respectfully submitted that the disclosures of Baldo do not overcome the deficiencies in the teachings of Mori. Baldo does not teach or disclose to use substituents in the 3- or 6- position. Even if the cited references are combined, Applicants' claimed invention is not obtained.

In addition, the teachings of Mori do not produce unexpected results as discussed in the Amendment filed August 25, 2003 in response to the previous office action.

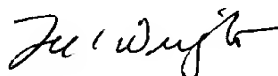
For the above reasons, it is respectfully submitted that the subject matter of claims 9 and 15-16 is neither taught by nor made obvious from the disclosures of Mori in view of Baldo and it is requested that the rejection under 35 U.S.C. §103(a) be reconsidered and withdrawn.

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In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned attorney at the telephone number listed below.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,



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